

Converting Colors

$Yxy(23.8653, 0.3424, 0.4164)$

Have a look what the booklet for
Yxy(23.8653, 0.3424, 0.4164)
contains.

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Color

Yxy(23.8316, 0.3425, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	7C8C5D
RGB	124, 140, 93
RGB Percent	49%, 55%, 36%
CMY	0.5138, 0.4509, 0.6353
CMYK	0.11, 0.00, 0.34, 0.45
HSL	80°, 20%, 46%
HSV	80°, 34%, 55%
XYZ	19.6635, 23.8316, 13.9166
YIQ	129.8580, 5.5510, -18.0090

Conversions

Conversions Part 2

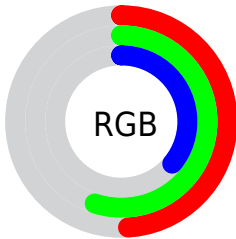
Format	Color
RYB	93, 140, 109
Decimal	8162397
CIELab	55.92, -14.28, 23.25
CIElCh	56, 27.287, 121.549
Yxy	23.8316, 0.3425, 0.4151
Android (android.graphics.Color)	4286352477 (0xFF7C8C5D)
YUV	129.8580, -18.1710, -5.1375
Hunter-Lab	48.8176, -13.5319, 17.2703

Details

The Yxy color $23.8316, 0.3425, 0.4151$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.9728, 0.2746, 0.2382$, and the grayscale version is $22.3334, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9443, 0.3365, 0.3958$, and $8.9654, 0.3507, 0.4508$ is the 20% darker color. If you saturate the color by 10%, you get $23.2599, 0.3503, 0.4422$, and if you desaturate by 10%, it is $24.4681, 0.3339, 0.3882$.

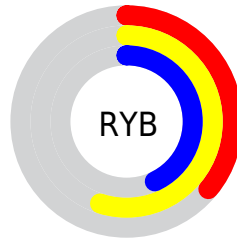
Distribution



Red (49%)

Green (55%)

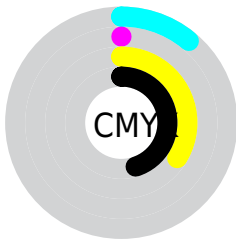
Blue (36%)



Red (36%)

Yellow (55%)

Blue (43%)

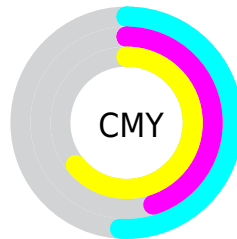


Cyan (11%)

Magenta (0%)

Yellow (34%)

Black (45%)



Cyan (51%)


Magenta (45%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.8316, 0.3425, 0.4151 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 23.8316, 0.3425, 0.4151 by changing the saturation by 10% instead.


 23.8316, 0.3425,
0.4151


 23.8316, 0.3425,
0.4151


271.9680, 0.3270,
0.3660


 15.2087, 0.3463,
0.4297


 49.7553, 0.3368,
0.3956


 8.9660, 0.3511,
0.4501


 67.8249, 0.3347,
0.3888

 4.7190, 0.3566,
0.4803

 89.8121, 0.3329,
0.3832

 2.0834, 0.3749,
0.5480

 116.1015, 0.3313,
0.3786

 0.6552, 0.2951,
0.7049

147.0774, 0.3300,
0.3747

 0.0000, 0.0000,
0.0000

183.1242, 0.3289,

0.3714

224.6263, 0.3279,
0.3685

■ 23.8316, 0.3425,
0.4151

■ 23.8316, 0.3425,
0.4151

■ 23.2599, 0.3503,
0.4422

■ 24.4681, 0.3339,
0.3882

■ 22.7471, 0.3569,
0.4685

■ 25.1686, 0.3249,
0.3621

■ 22.2912, 0.3618,
0.4929

■ 25.9367, 0.3159,
0.3374

■ 21.8889, 0.3647,
0.5142

■ 26.7746, 0.3071,
0.3145

■ 21.5367, 0.3653,
0.5314

■ 27.6844, 0.2986,
0.2934

■ 21.2299, 0.3635,
0.5441

■ 28.6681, 0.2905,
0.2741

■ 21.0487, 0.3618,
0.5510

■ 29.7277, 0.2830,
0.2567

■ 30.8649, 0.2759,
0.2410

■ 32.0817, 0.2694,
0.2269

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



23.8316, 0.3835, 0.4064



23.8316, 0.3425, 0.4151



23.8316, 0.2953, 0.3957

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.8316, 0.3425, 0.4151



23.8316, 0.2267, 0.2712



23.8316, 0.3717, 0.3036

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



23.8316, 0.3425, 0.4151



12.9728, 0.2746, 0.2382

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.8316, 0.3250, 0.2734



23.8316, 0.3425, 0.4151



23.8316, 0.2433, 0.2542

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



23.8316, 0.3425, 0.4151



23.8316, 0.2306, 0.3065



23.8316, 0.2781, 0.2557



23.8316, 0.4023, 0.3407

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



23.8316, 0.3425, 0.4151



23.8316, 0.2669, 0.3690



23.8316, 0.2781, 0.2557



23.8316, 0.3571, 0.2925

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



23.8327, 0.3425, 0.4151



44.8103, 0.3219, 0.3536



17.2318, 0.3783, 0.3577



10.2874, 0.3230, 0.3567



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.8327, 0.3425, 0.4151



41.2684, 0.3483, 0.4348



22.3057, 0.3164, 0.4226



5.7610, 0.3209, 0.3509



18.7112, 0.3620, 0.5507



0.1324, 0.3893, 0.5291

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



12.9728, 0.2746, 0.2382



19.2092, 0.2643, 0.2160



14.6399, 0.3057, 0.2460



4.9697, 0.3040, 0.3068



2.2449, 0.1781, 0.0755



0.0224, 0.2257, 0.1017

Previews

White Background



This preview shows how the Yxy color 23.8316, 0.3425, 0.4151 looks on a white background.

Color Contrast Check

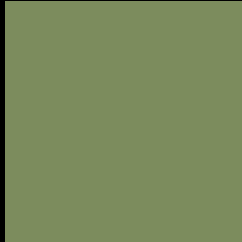
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 23.8316, 0.3425, 0.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.8316, 0.3425, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 23.8316, 0.3425, 0.4151.



This preview shows how white text looks on a background with the Yxy color 23.8316, 0.3425, 0.4151.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

23.8316, 0.3425, 0.4151

Protanopia

23.8081, 0.3739, 0.4038

Deuteranopia

23.6538, 0.3883, 0.3806



Tritanopia

23.8891, 0.2992, 0.3119

Trichromacy



Original Color

23.8316, 0.3425, 0.4151

Protanomaly

23.6820, 0.3619, 0.4079

Deuteranomaly

23.4397, 0.3708, 0.3920

Tritanomaly

23.6782, 0.3151, 0.3486

Monochromacy



Original Color

23.8316, 0.3425, 0.4151

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.9237, 0.3238, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8316, 0.3425, 0.4151 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(124, 140, 93)` looks like.

```
.text, #text, p{  
    color:rgb(124, 140, 93)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(124, 140, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 140, 93) }
```

Border

The CSS property to change the border of an element to Yxy 23.8316, 0.3425, 0.4151 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(124, 140, 93) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(124, 140, 93) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(124, 140, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 140, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 140, 93);  
box-shadow:4px 4px 4px 4px rgb(124, 140,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8316, 0.3425, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 140, 93) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(124,  
140, 93) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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